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PATENT TRADEMARK OFFICE

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*Debra L. Hale*

Debra L. Hale

#71  
Amend B  
KT  
7/9/03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : Kaltenbacher et al.

Title : **FLUORESCENCE BASED LIQUID  
CORE WAVEGUIDE**

Serial No. : 09/869,653

Filed: : December 22, 1999

Based on International Application No. : PCT/US99/30774

International Filing Date: : 22 December 1999

Attorney Docket No. : 21422/04022

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Dear Sir:

In response to the Office Action mailed February 28, 2003, please amend the above-identified application as follows: